



# — Y-12 BULLETIN

A Newspaper For Y-12 Employees of Union Carbide Corporation—Nuclear Division

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OAK RIDGE, TENNESSEE

Wednesday, April 19, 1967

## Majority Of AEC Employees Still Live Away From Oak Ridge And Commute

The majority (57 per cent) of employees here in the Atomic Energy Commission facilities still commute to work. As in years past, the number of persons commuting to work exceed the number of Oak Ridge residents (43 per cent) employed in the atomic energy program. The Oak Ridge payroll amounted to \$56,000,000 in 1966 distributed to 5,800 employees.

S. R. Sapirie, manager of the AEC's Oak Ridge Operations, in announcing the employment and payroll figures for Oak Ridge, pointed out that in 1966 the payroll of \$120,000,000 exceeded that of 1965 by more than three million dollars. The average annual employment remained at approximately 13,500 over the same period.

"We are particularly pleased with the steady over-all employment in 1966," Sapirie stated, "and the wide distribution of the payroll again stresses the interdependence of Oak Ridge and the surrounding communities."

Last year approximately 2,800 Knoxvilleans who drove daily to work in Oak Ridge received more than \$24,000,000 in wages, representing more than 20 per cent of both the total payroll and employment.

Some 5,800 of those employed in Oak Ridge also lived in Oak Ridge. They represented 43 per cent of the total employment and had a payroll of more than \$56,000,000, or 47 per cent of the total payroll.

Employment in Oak Ridge is divided among the Atomic Energy Commission and its principal operating contractors — Union Carbide Corporation, Oak Ridge Associated Universities, the University of Tennessee, and Management Services, Incorporated.

Following is a breakdown of the 1966 employment and payroll for the principal communities in this area:

Place of Residence	Number of Employees	Total Payroll
Oak Ridge	5,800	\$56,335,133
Knoxville	2,802	24,348,343
Clinton	851	6,723,734
Kingston	735	6,356,931
Lenoir City	582	4,434,010
Harriman	350	2,617,163
Oliver Springs	330	2,354,755

The balance of employees live in other communities or rural areas ranging up to 50 miles. An additional 174 persons, or approximately one per cent of the employment, commute more than 50 miles to Oak Ridge each day.



**SIGNAL HONORS WENT TO THE REACTOR DIVISION** in Y-12 recently (one of the Oak Ridge National Laboratory divisions in the plant), as the division was recognized for more than 16 years of operation without a lost-time accident. This represents more than 8,000,000 man-hours, an enviable record indeed. From left are the Safety Coordinator for the division Robert Helton, Y-12 Superintendent Roger F. Hibbs, presenting the plaque to Sam E. Beall, division director. H. G. MacPherson, deputy director of ORNL, and former head of the Reactor Division, looks on from right.

### PROGRESS, IT'S WONDERFUL

It took man almost 10,000 years to perfect the art of cooking indoors. Now that the feat has been accomplished, man is returning to the outdoors for his culinary artistry. Last year more than \$100 million was spent for barbecue grills and outdoor cooking equipment in this country!

## Reactor Division Passes Safety Landmark In Y-12

The Oak Ridge National Laboratory's Reactor Division has passed another landmark in its illustrious safety record in Y-12. In January of this year, the group went beyond the 8,000,000 man-hour mark without a lost time injury.

No single chargeable accident in its entire history of being! . . . more than 16 years of operations.

The Reactor Division was formed in the latter part of 1960 from two former divisions, the Reactor Experimental Engineering Division, known then as REED, and the Reactor Projects Division. The latter group was an outgrowth of the former Aircraft Nuclear Propulsion (ANP) Division. These ORNL divisions have been located within the physical confines of Y-12 since their inception.

Safety factors in the Reactor Division are many and varied. High pressures, relatively high temperatures, corrosive acids and other normal hazards met in a chemical or industrial plant are encountered by the division's personnel daily.

Both the present Reactor Division and its ancestral divisions have maintained the spotless record, contributing greatly to Y-12's safety history.

### Hazards Encountered

Work in the division consists of reactor development, desalination of sea water, and is currently involved in terrestrial as well as underseas reactor work. Many experiments are conducted on several elevations in Buildings 9201-3 and 9204-1. Some of the experi-

ments take place 50 to 60 feet above the floor level. The apparatus involved often compels the scientists to work in extremely confining areas. To prevent injuries due to these cramped spaces and heights, precautions are taken to insure the employee's personal safety.

Safety is considered the responsibility of each individual in the Division. It is emphasized from director S. E. Beall on down.

### Interest In Safety

Interesting safety meetings are the rule, rather than the exception, in Reactor Division activities. Recently, Dr. Reese W. Patterson, Knoxville eye specialist, showed the group colored slides of various types of eye injuries. L. G. Matthews, from Union Carbide's Linde Division, has lectured to the group on the hazards of compressed gases. Arthur Upton, Biology Division, has talked to Reactor personnel on radiation hazards. Dr. Joe Tittle, Oak Ridge

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**C. M. LAY, LABORATORY DEVELOPMENT**, demonstrates to L. E. Burkhart, left, his patent application development "Fringes to Inches Converter." The laboratory man's converter brought him the patent application announced in a congratulatory letter from C. E. Larson, president of the Nuclear Division, accompanied by the usual one dollar.

### SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
Two Days Or  
6,000 Man-Hours  
(Unofficial Estimate)  
Through April 16  
Without A Disabling  
Injury  
Working Safely Is  
Very Smart Business







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## ORAU's Comas Is HPS Speaker

The East Tennessee Chapter of the Health Physics Society will meet Monday, April 24, at the Oak Ridge Country Club. A social hour will open the program at 5:30 p.m., to be followed by dinner and the technical session.

Special guest will be Dr. Frank



Dr. Comas

V. Comas, radiotherapist at Oak Ridge Associated Universities, who will speak on "Medical Therapy and Health Physics Considerations." Dr. Comas was born in Spain and received his MD from the University of Barcelona. He came to the United States in 1950 and served as a resident radiologist in many areas including the Barnard Free Skin and Cancer Hospital in Saint Louis, the Penrose Cancer Hospital in Colorado Springs, and the ORINS Medical Division. In 1958 he rejoined ORINS as a staff radiotherapist. His principal interests include tissue sensitivity to radiation, the biochemistry of cancer, and the dosimetry and evaluation of radiation treatment relative to partial body and whole body exposure.

Comas will be introduced by Roger Cloutier, Radiation Safety Officer for ORAU. All HPS members are urged to attend this interesting meeting.

## Group Insurance Plan For '66 Sees Refund

Participants in the Group Insurance Plan in the three Union Carbide plants for 1966 will share a total of \$155,430 in dividends this week. The checks (amounting to 12 per cent of the total amount paid) were mailed to employees' homes Monday. In addition to the refund, there were \$1,980,000 in death, sickness and accident benefits paid out last year. This compares to \$1,800,000 paid in 1965 . . . with \$137,760 refunded in dividends.

Benefits going to employees and their families through the past years have been \$1,550,000 in 1963; \$1,850,000 in 1964; \$1,800,000 paid in 1965 . . . and \$1,980,000 last year.

## Fall Accounts For 2nd Lost-Time Accident

Y-12 suffered its second lost-time accident of the year Friday, April 14 when an employee in Area Five Maintenance fell, cracking several of his vertebrae.

The latest mishap brought to an end a string of 32 days, or approximately 963,000 man-hours.

Collect pay — not pain — for your work.

## Credit Union Adds A Bulletin Board

"Service" is the middle name of Y-12's Credit Union. And, in keeping with this, a new service is now available to members.

A "For Sale" and "Wanted" bulletin board has gone up in the lobby for use by members, at the Credit Union Office. If you have Persian kittens for sale . . . or want a bicycle built for two . . . or have minks for sale . . . the bulletin board would be an ideal place for your notice.

You may call your "want ad" into the Credit Union, telephone 3-7204. They can not, however, give out information already on the board. Call your "want ad" in now; and sit back for results.

The bulletin board will be out in the front lobby of Y-12's Credit Union, where everyone can see it when they come in the door.

Do you have a used car for sale? . . . or want to buy one? . . . does your little woman baby-sit for 10¢ an hour? . . . or do you have some water-skis you want to sell? . . . well, just call your Credit Union and let them advertise for you.

Like all the rest of the service at Y-12's Credit Union, it is served with a smile.

Remember, the Credit Union is yours . . . use it!



Ride wanted from 325 Louisiana Avenue, Oak Ridge, to North or Biology Portal, straight day. Norma Bryson, plant phone 3-5858, home phone Oak Ridge 483-8397.

## 'Absence Of Cello' Next Playhouse Opus

The extremely witty and attractive comedy "Absence of a Cello" opens Friday, April 28, at 8:20 p.m. at the Oak Ridge Playhouse. The cello belongs to the scientist who loves to play in quartets in his spare time. His wife, a distinguished medieval scholar, wonders if perhaps she shouldn't act more like a den mother than one of the best-read women in the country, and in one last desperate attempt to act like a typical American family, they persuade their hard-drinking, horse-betting, wacky neighbor to play the cheerful, homey grandma type.

The comedy will be next weekend, April 28, 29 . . . and Thursday, Friday, Saturday and Sunday, May 4, 5, 6, and 7. Season memberships for the Playhouse's Silver Anniversary year may also be purchased at the Box Office throughout the run of "Absence."

Reservations may be obtained by calling Oak Ridge telephone 483-1224.



**CONGRATULATIONS TO THESE ELECTRICIANS** in Research Services, who have accomplished a safety record that would be hard for any group to surpass. These men have performed their jobs since February, 1963, without a single injury of any kind. They are, from left on the front row, F. J. Russell, R. M. Rowan, R. L. Jennings. In the back row are E. Symons, foreman; J. P. Ross, E. K. Delong and J. L. Sprouse.

## Research Service Electricians Set Envious Safety Record For Plant

Down in Building 9204-3 a group of electricians is very proud of an outstanding safety performance. These men have performed their jobs since 1963 without a single injury of any kind.

Inasmuch as they are exposed to potentially serious hazards in their type work every day, this is an accomplishment of which they can be proud.

The Maintenance Division recognizes the safety accomplishments of these individuals and it would be well for all Y-12ers to follow the sterling example set by this group.

Safety does not come automatically. It is something that requires thinking and acting safely everywhere all the time. These

men are interested in safety and their efforts are directed toward job performance that is free from accidents and injuries.

A hearty salute to this group for a record as well as a contribution to the overall Y-12 safety program.

## Reactor Division

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Orthopedist, recently spoke on the "Mechanics of Injuries to the Human Body."

Harry Hoy, Thermonuclear Division, has talked to the group on "The Pulse of Life." Dr. B. R. Fish, Knoxville, spoke on air pollution, the safety and well-being of society in today's atmosphere.

## Small Division

Slightly over 300 scientists, engineers and technical personnel and the clerical personnel necessary to support these groups, make up the Division.

Considering the relatively small number of personnel in the division, the time record stands among the highest of any group in the plant.

The Reactor Division is under the direction of Samuel E. Beall. Robert Helton is Safety Coordinator for the group, and Y-12's Safety Department's E. L. Bentley provides continuous assistance and advice to the group.

The Division is extremely proud of its contribution to Y-12's overall safety picture, and well it should be.

## Last Chance To Enter Wallace Hills Outing

An entry form again appears in this issue of the Bulletin for April 29's big golf tournament . . . set at Wallace Hills, Maryville.

The greens fee over in Blount County is \$3, we're told . . . but it doesn't have to be paid now. Just bring it with you at the tournament.

Applications will be taken through next Wednesday, April

## Society For Metals Meeting Is Tonight

Robert E. Oglivie, associate professor of metallurgy, and head of the X-Ray and Electron Optics Laboratory, at Massachusetts Institute of Technology, will speak tonight to the American Society for Metals local chapter. The meeting is set at the Oak Ridge Country Club.

The ASM urges members to mark May 13 on the calendar, as it plans Ladies' Night. Dinner and dancing at the Alcoa Country Club are planned. Dig into your closet now, advised the ASM, and come up with your best party dress, dinner jacket, or anything left over from the last wedding you attended. Cost of the entire evening will be \$9 per couple.

## Colleges Of Tomorrow On '21st Century'

Impact of teaching technology on colleges in the 21st century, and changing patterns in traditional teaching practices will be reported on "The 21st Century" broadcast "The Class of '01," Sunday, April 23. The color-cast is carried locally on WBIR-TV, Channel 10, from 6 until 6:30 p.m. Sundays. The series is produced by CBS News and sponsored in the public interest by Union Carbide Corporation.

CBS News Correspondent Walter Cronkite, through interviews with leading educators on college and university campuses throughout the country, will report on the explosive increase in demand for education and educators — the college class of the year 2001 may number 15 million — and possible means of meeting this demand. The teacher shortage — 36,000 less than needed by 1970 — will also be examined.

26, and tee-off times will be drawn the following day. Four-some leaders will be notified of their exact tee-off time.

## ART OF DIPLOMACY

Diplomacy has been described as the art of saying "nice doggie" while you are picking up a stick.